

LOUISIANA

Science and Engineering Profile

	Louisiana	U.S.	Rank		Louisiana	U.S.	Rank
Doctoral scientists, 1993	4,914	430,332	26	Total R&D performance, 1993 (millions)	\$470	\$161,427	35
Doctoral engineers, 1993	873	81,293	28	Industry R&D, 1993 (millions)	\$170	\$117,622	41
S&E doctorates awarded, 1993	243	25,409	29	Academic R&D, 1993 (millions)	\$255	\$19,489	26
of which, in life sciences	35%	24%		of which, in life sciences	62%	55%	
in engineering	16%	22%		in engineering	13%	16%	
in psychology	14%	13%		in environmental sciences	8%	7%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	273	34,394	27	expenditures, 1993 (millions)	\$2,473	\$163,994	23
S&E graduate students, 1993				Number of SBIR awards, 1990-93	45	13,995	31
in doctorate-granting institutions	5,852	438,128	25	Patents issued to state residents, 1994	403	56,039	29
Population, 1994 (000s)	4,315	260,341	21	Gross state product, 1992 (billions)	\$96.2	\$5,994.1	22
Civilian labor force, 1994 (000s)	1,939	131,013	24	of which, agriculture	1%	2%	
Personal income per capita, 1994	\$17,651	\$21,809	46	manufacturing, mining, construction	35%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures 1994 (millions)	\$21,672	\$1,284,896	21	wholesale and retail trade	13%	16%	
R&D obligations 1993 (millions)	\$153	\$65,394	37	finance, insurance, real estate	14%	18%	
				services	15%	20%	
				government	11%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Louisiana by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	152,635	42,557	0	15,534	90,269	1,977	2,298	37
Department of Agriculture	31,889	23,975	0	0	7,787	126	1	15
Department of Commerce	2,691	1,093	0	2	1,596	0	0	28
Department of Defense	20,704	2,560	0	6,073	12,061	10	0	38
Department of Energy	11,860	251	0	8,004	3,605	0	0	33
Dept. of Health & Human Services	57,417	2,430	0	555	52,229	1,841	362	29
Department of the Interior	14,855	12,142	0	209	2,280	0	224	12
Department of Transportation	1,259	49	0	0	49	0	1,161	35
Environmental Protection Agency	1,799	0	0	0	1,799	0	0	28
Nat'l Aeronautics & Space Admin.	2,253	57	0	691	1,505	0	0	38
National Science Foundation	7,908	0	0	0	7,358	0	550	36
State rank	37	33	na	43	30	43	28	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.